

ABSTRACT

Systems and methods of switching between data acquisition modes in an x-ray
5 system are disclosed. The x-ray system includes a control device and a detector device,
the detector device including one or more x-ray sensors. During changes in acquisition
modes, responsibility for flushing the one or more x-ray sensors may be transferred from
the control device to the detector device. When the detector device is ready to begin
acquiring data in a new data acquisition mode, the responsibility is transferred back from
10 the detector device to the control device.